IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re A	pplication of)		
Boston et al.) Group Art Unit: 1652		
Serial No.: 09/470,168) Examiner: Slobodyansky, E.		
Filed:	December 22, 1999))	00 NOY	-2 -3
For:	Method for Producing Ascorbic Acid Intermediates))))y -3	A KECE
STATEMENT OF SAMENESS			:: :::::::::::::::::::::::::::::::::::	1000/
BOX SEQUENCE LISTING Assistant Director for Patents			ပ	/2890

Washington, D.C. 20231

Sir:

In accordance with 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(d), the computer readable copy of the sequence listing, and the paper copy submitted herewith in the above application are believed to be the same.

Respectfully submitted,

Date: November 2, 2000

Christopher L. Stone Registration No. 35,696

Genencor International, Inc.

925 Page Mill Road Palo Alto, CA 9430 Tel: 650-846-7555

Fax: 650-845-6504

5/00 shows

Page 1 of 3

#16

1652

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/470,168A TIME

DATE: 11/03/2000 TIME: 14:31:46

Input Set : A:\GC538-2-SEQLIST.TXT
Output Set: N:\CRF3\11032000\1470168A.raw

4 <110> APPLICANT: Boston, Matthew Grant Swanson, Barbara A. 7 <120> TITLE OF INVENTION: Method for Producing Ascorbic Acid Intermediates 10 <130> FILE REFERENCE: GC538-2 12 <140> CURRENT APPLICATION NUMBER: 09/470,168A 13 <141> CURRENT FILING DATE: 1999-12-22 15 <150> PRIOR APPLICATION NUMBER: US 09/218,700 16 <1.51> PRIOR FILING DATE: 1998-12-22 18 <160> NUMBER OF SEQ ID NOS: 2 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0 22 <210> SEQ ID NO: 1 23 <211> LENGTH: 31 24 <212> TYPE: DNA 25 <213> ORGANISM: Artificial Sequence 27 <220> FEATURE: 28 <223> OTHER INFORMATION: Synthetic 30 <400> SEQUENCE: 1 31 31 agggagtgct tactacctta tctgcggtat a 33 <210> SEQ ID NO: 2 34 <211> LENGTH: 31 35 <212> TYPE: DNA 36 <213> ORGANISM: Artificial Sequence 38 <220> FEATURE: 39 <223> OTHER INFORMATION: Synthetic 41 <400> SEQUENCE: 2 31 42 cgctagetgt gcaatccatt gattttgcac a

ENTERED

VERIFICATION SUMMARY E PATENT APPLICATION: US/09/470,168A

DATE: 11/03/2000 TIME: 14:31:47

Input Set : A:\GC538-2-SEQLIST.TXT
Output Set: N:\CRF3\11032000\1470168A.raw